

PEER-REVIEW REPORT

Name of journal: *World Journal of Cardiology*

Manuscript NO: 79582

Title: Telemonitoring in heart failure patients: Systematic review and meta-analysis of randomized controlled trials

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05133090

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2022-08-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-12 16:45

Reviewer performed review: 2022-09-18 12:34

Review time: 5 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

I am happy to participate in the review of this manuscript. Umeh et al explored the impact of telemonitoring on the prognosis of patients with heart failure through a meta-analysis and found that telemonitoring significantly improved the prognosis of patients with heart failure, especially monitoring > 12 months. Findings from this study underscore the importance of telemonitoring, and the findings of this study are worthy of publication. I have the following small comments. 1. The age, cardiac function, and medications of the included patients should be described in Table S1. If necessary, subgroup analysis based on age and cardiac function may lead to more interesting conclusions. 2. In statistical analysis, it is necessary to describe the heterogeneity of included studies, and to perform subgroup and sensitivity analyses. 3. Does telemonitoring instrument type correlate with outcomes in heart failure patients? 4. If there are significant differences in age, sex, and cardiac function among the included studies, it is necessary to perform a meta-regression analysis.

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Peer-review model: Single blind

Reviewer's code: 04925605

Position: Peer Reviewer

Academic degree: MD

Professional title: Additional Professor, Director, Senior Researcher

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2022-08-28

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-13 16:57

Reviewer performed review: 2022-10-13 17:07

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This article indicates that home telemonitoring using digital/broadband/satellite/wireless or blue-tooth transmission of physiological data reduces all-cause and cardiovascular mortality in heart failure patients. In addition, prolonged telemonitoring (≥ 12 months) reduces all-cause and heart failure-related hospitalization. The manuscript was written well and was significant in the clinical management of heart failure.

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Title: Telemonitoring in heart failure patients: Systematic review and meta-analysis of randomized controlled trials

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03497479

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: United States

Manuscript submission date: 2022-08-28

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-12 04:05

Reviewer performed review: 2022-10-22 09:37

Review time: 10 Days and 5 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Very good and clinically significant study. I have no specific comments and changes addressed to the authors.